

**PIFSC Report on the American Samoa Limited-access Longline Fishery  
from 1 January to 30 June 2016<sup>1</sup>**

Fisheries Research and Monitoring Division, National Marine Fisheries Service, Pacific Islands Fisheries Science Center, NOAA Inouye Regional Center, 1845 Wasp Boulevard, Building 176, Honolulu, HI 96818

The following tables represent effort, retained catch (kept) and discards as reported on longline logsheets for the American Samoa limited-access longline fishery. Effort and catch-effort statistics are based on date of longline haul. Effort and catch statistics are based on logbook data submitted to the PIFSC, FRMD and represent an Oracle table LLDS\_REPORT\_STATS\_AS database extraction done on 28 September 2016. When a statistic (number of vessels, trips) can involve dates of haul in 2 summary periods (i.e. years, semi-annual, quarters) the item is counted in both summary periods. Thus, a trip total is for “partial and completed” trips. As such, these are not additive statistics (i.e. sum of 4 quarters is not the total for the year, etc).

<sup>1</sup>PIFSC Data Report DR-16-059.  
Issued 22 December 2016.

**Table 1.** Six-month summary report of fishing effort and catch statistics for U.S. longline vessels based in American Samoa as derived from NMFS Western Pacific Daily Longline Fishing Log records. Catch and effort statistics are based on date of longline haul. Data Source: PIFSC Information Management System, Longline Logbook Data.

**Report Coverage**

Time Period 1 January - 30 June, 2016  
 Set Types All Sets  
 Fishing Area All Areas

Number of vessels active	16
Number of trips (partial or completed)	73
Number of sets	914
Number of hooks set	2,566,510

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
<b>PMUS</b>				
<b>Billfish PMUS</b>				
Blue marlin	297	261	36	0.12
Striped marlin	13	13	0	0.01
Shortbill spearfish	133	68	65	0.05
Swordfish	41	30	11	0.02
Other billfishes	81	53	28	0.03
<b>Total</b>	<b>565</b>	<b>425</b>	<b>140</b>	<b>0.22</b>
<b>Shark PMUS</b>				
Blue shark	1,862	18	1,844	0.73
Mako sharks	71	3	68	0.03
Thresher sharks	118	0	118	0.05
Oceanic whitetip shark	467	1	466	0.18
Silky shark	135	0	135	0.05
Other Sharks	0	0	0	0.00
<b>Total</b>	<b>2,653</b>	<b>22</b>	<b>2,631</b>	<b>1.03</b>
<b>Tuna PMUS</b>				
Albacore	30,612	30,230	382	11.93
Bigeye tuna	1,213	1,190	23	0.47
Yellowfin tuna	6,903	6,804	99	2.69
Bluefin tuna	0	0	0	0.00
Skipjack tuna	3,393	3,369	24	1.32
Other tunas	0	0	0	0.00
<b>Total</b>	<b>42,121</b>	<b>41,593</b>	<b>528</b>	<b>16.41</b>
<b>Other PMUS</b>				
Mahimahi	236	223	13	0.09
Moonfish	69	46	23	0.03
Wahoo	1,384	1,371	13	0.54
Oilfish	1,464	27	1,437	0.57
Pomfret	209	38	171	0.08
<b>Total</b>	<b>3,362</b>	<b>1,705</b>	<b>1,657</b>	<b>1.31</b>
<b>Total PMUS</b>	<b>48,701</b>	<b>43,745</b>	<b>4,956</b>	<b>18.98</b>
<b>Total Non-PMUS</b>	<b>1,213</b>	<b>58</b>	<b>1,155</b>	<b>0.47</b>
<b>Total All Species</b>	<b>49,914</b>	<b>43,803</b>	<b>6,111</b>	<b>19.45</b>

**Table 3.** Six-month summary report of fishing effort and catch statistics for U.S. longline vessels based in American Samoa as derived from NMFS Western Pacific Daily Longline Fishing Log records. Catch and effort statistics are based on date of longline haul. Data Source: PIFSC Information Management System, Longline Logbook Data.

Report Coverage		Number of vessels active		6
Time Period	1 January - 30 June, 2016	Number of trips (partial or completed)		8
Set Types	All Sets	Number of sets		56
Fishing Area	Swains LVPA	Number of hooks set		180,072

  

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
<b>PMUS</b>				
<b>Billfish PMUS</b>				
Blue marlin	25	19	6	0.14
Striped marlin	0	0	0	0.00
Shortbill spearfish	13	2	11	0.07
Swordfish	2	1	1	0.01
Other billfishes	9	5	4	0.05
<b>Total</b>	<b>49</b>	<b>27</b>	<b>22</b>	<b>0.27</b>
<b>Shark PMUS</b>				
Blue shark	63	0	63	0.35
Mako sharks	0	0	0	0.00
Thresher sharks	5	0	5	0.03
Oceanic whitetip shark	52	0	52	0.29
Silky shark	41	0	41	0.23
Other Sharks	0	0	0	0.00
<b>Total</b>	<b>161</b>	<b>0</b>	<b>161</b>	<b>0.89</b>
<b>Tuna PMUS</b>				
Albacore	3,344	3,339	5	18.57
Bigeye tuna	170	170	0	0.94
Yellowfin tuna	614	612	2	3.41
Bluefin tuna	0	0	0	0.00
Skipjack tuna	461	461	0	2.56
Other tunas	0	0	0	0.00
<b>Total</b>	<b>4,589</b>	<b>4,582</b>	<b>7</b>	<b>25.48</b>
<b>Other PMUS</b>				
Mahimahi	7	5	2	0.04
Moonfish	1	1	0	0.01
Wahoo	81	81	0	0.45
Oilfish	111	6	105	0.62
Pomfret	25	3	22	0.14
<b>Total</b>	<b>225</b>	<b>96</b>	<b>129</b>	<b>1.25</b>
<b>Total PMUS</b>	<b>5,024</b>	<b>4,705</b>	<b>319</b>	<b>27.90</b>
<b>Total Non-PMUS</b>	<b>343</b>	<b>1</b>	<b>342</b>	<b>1.90</b>
<b>Total All Species</b>	<b>5,367</b>	<b>4,706</b>	<b>661</b>	<b>29.80</b>

**Table 4.** Six-month summary report of fishing effort and catch statistics for U.S. longline vessels based in American Samoa as derived from NMFS Western Pacific Daily Longline Fishing Log records. Catch and effort statistics are based on date of longline haul. Data Source: PIFSC Information Management System, Longline Logbook Data.

Report Coverage		Number of vessels active		13
Time Period	1 January - 30 June, 2016	Number of trips (partial or completed)		63
Set Types	All Sets	Number of sets		124
Fishing Area	Tutuila LVPA	Number of hooks set		238,256

  

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
<b>PMUS</b>				
<b>Billfish PMUS</b>				
Blue marlin	10	10	0	0.04
Striped marlin	2	2	0	0.01
Shortbill spearfish	4	4	0	0.02
Swordfish	6	5	1	0.03
Other billfishes	4	4	0	0.02
<b>Total</b>	<b>26</b>	<b>25</b>	<b>1</b>	<b>0.11</b>
<b>Shark PMUS</b>				
Blue shark	149	1	148	0.63
Mako sharks	8	2	6	0.03
Thresher sharks	10	0	10	0.04
Oceanic whitetip shark	43	0	43	0.18
Silky shark	5	0	5	0.02
Other Sharks	0	0	0	0.00
<b>Total</b>	<b>215</b>	<b>3</b>	<b>212</b>	<b>0.90</b>
<b>Tuna PMUS</b>				
Albacore	2,792	2,757	35	11.72
Bigeye tuna	102	100	2	0.43
Yellowfin tuna	984	967	17	4.13
Bluefin tuna	0	0	0	0.00
Skipjack tuna	242	242	0	1.02
Other tunas	0	0	0	0.00
<b>Total</b>	<b>4,120</b>	<b>4,066</b>	<b>54</b>	<b>17.29</b>
<b>Other PMUS</b>				
Mahimahi	45	43	2	0.19
Moonfish	9	8	1	0.04
Wahoo	105	105	0	0.44
Oilfish	98	0	98	0.41
Pomfret	8	6	2	0.03
<b>Total</b>	<b>265</b>	<b>162</b>	<b>103</b>	<b>1.11</b>
<b>Total PMUS</b>	<b>4,626</b>	<b>4,256</b>	<b>370</b>	<b>19.42</b>
<b>Total Non-PMUS</b>	<b>11</b>	<b>2</b>	<b>9</b>	<b>0.05</b>
<b>Total All Species</b>	<b>4,637</b>	<b>4,258</b>	<b>379</b>	<b>19.46</b>